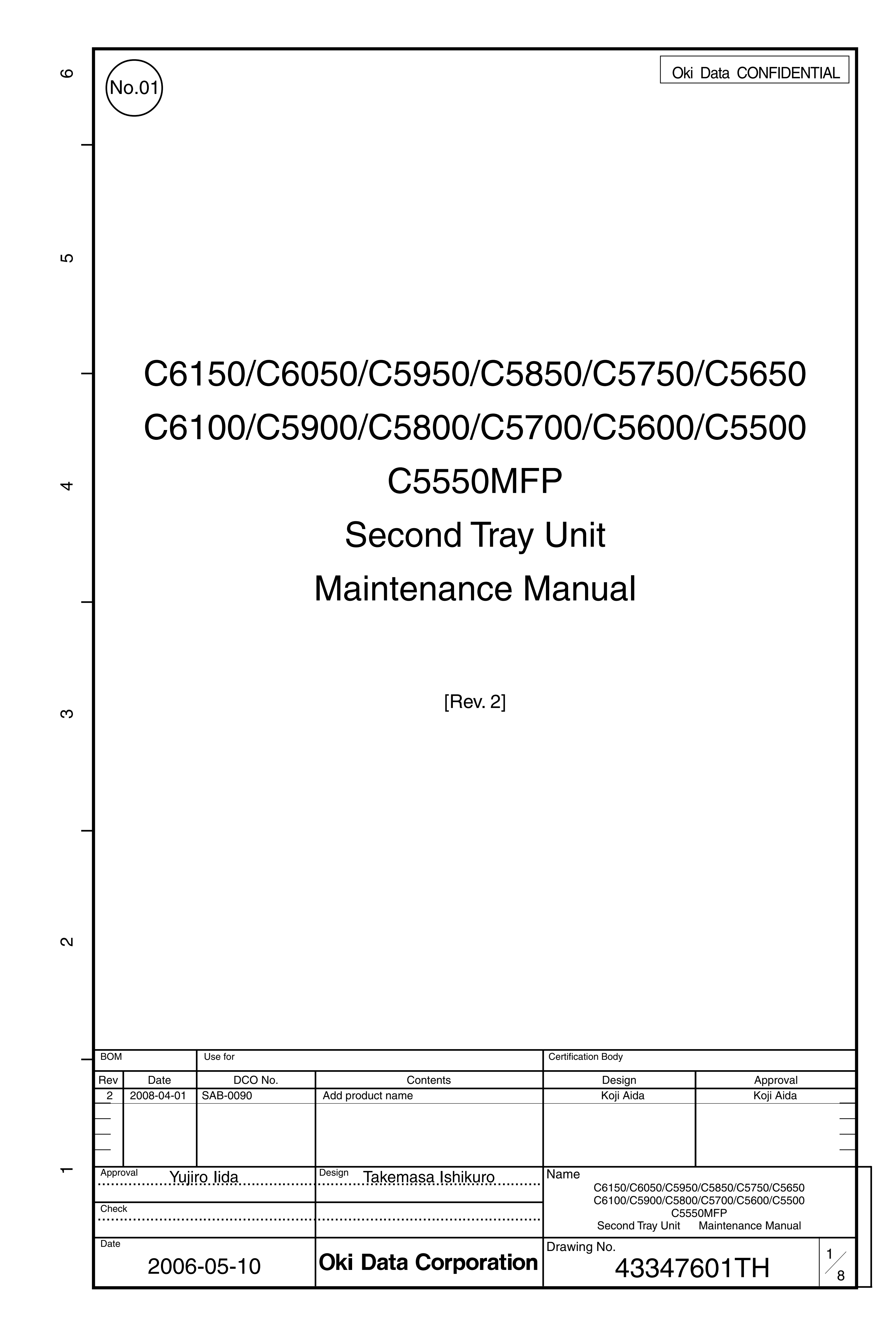


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No.01

C6150/C6050/C5950/C5850/C5750/C5650
C6100/C5900/C5800/C5700/C5600/C5500
C5550MFP
Second Tray Unit
Maintenance Manual

[Rev. 2]

BOM	Use for			Certification Body	
Rev	Date	DCO No.	Contents	Design	Approval
2	2008-04-01	SAB-0090	Add product name	Koji Aida	Koji Aida

Approval: Yujiro Iida	Design: Takemasa Ishikuro	Name: C6150/C6050/C5950/C5850/C5750/C5650 C6100/C5900/C5800/C5700/C5600/C5500 C5550MFP Second Tray Unit Maintenance Manual
Check		
Date: 2006-05-10	Oki Data Corporation	Drawing No. 43347601TH

Document Revision History

Rev.No.	Date	Corrected items			Person in charge
		No.	Page	Description of change	
1	2006-05-10			ISSUE	MD12 T. Ishikuro
2	2008-04-01		3	Add product name	CSFD11 K.Aida

PREFACE

This manual describes the procedures for the maintenance of second tray unit optionally installed in the C6150/C6050/C5950/C5850/C5750/C5650, C6100/C5900/C5800/C5700/C5600/C5500 series of printers and C5550MFP.

The document is produced for maintenance personnel use. For details on the procedures for handling the C6150/C6050/C5950/C5850/C5750/C5650, C6100/C5900/C5800/C5700/C5600/C5500 of printers and C5550MFP, see its user documentation.

Note!

- The descriptions in this manual are subject to change without prior notice.
- In preparing the document, efforts have been made to ensure that the information in it is accurate. However, errors may be crept into the document. Oki Data assumes no responsibility for any damage resulting from, or claimed to be the results of, those repairs, adjustments or modifications to the printers which are made by users using the manual.
- The parts used for the printers are sensitive and, if handled improperly, may be damaged. It is strongly recommended that the products are maintained by maintenance men registered with Oki Data.

PARTS REPLACEMENT

This section describes the procedures for removing and reinstalling of assemblies and units in the field. The procedures provided here are for removal, and for reinstallation, perform procedures basically in reverse order from removing.

Precautions for Replacing Parts

(1) Before disassembling or reassembling second tray unit, turn off the printers in which they are installed and, from the printers, remove them.

(2) Do not disassemble second tray unit so long as they operate properly.

(3) Determine the ranges of disassembly according to the purposes of the operations for which the disassembly is done, so as not to do more disassembly than is necessary.

(4) Use designated maintenance tools.

(5) Follow disassembly steps in the orders specified; damage to parts may result.

(6) It is advisable to place and fix temporarily small parts that tend to get lost, such as screws and collars, to their original positions.

[Maintenance Tools]

Table 1 lists tools necessary to replace the printed circuit boards and the units.

Table 1 Maintenance Tools

No.	Service Tools		Q' ty	Place of use	Remarks
1		No. 2-200 Philips screwdriver, Magnetized	1	3~5 mm screws	
2		No. 3-100 screwdriver	1		
3		Digital multimeter	1		
4		Pliers	1		

1. Parts Replacement

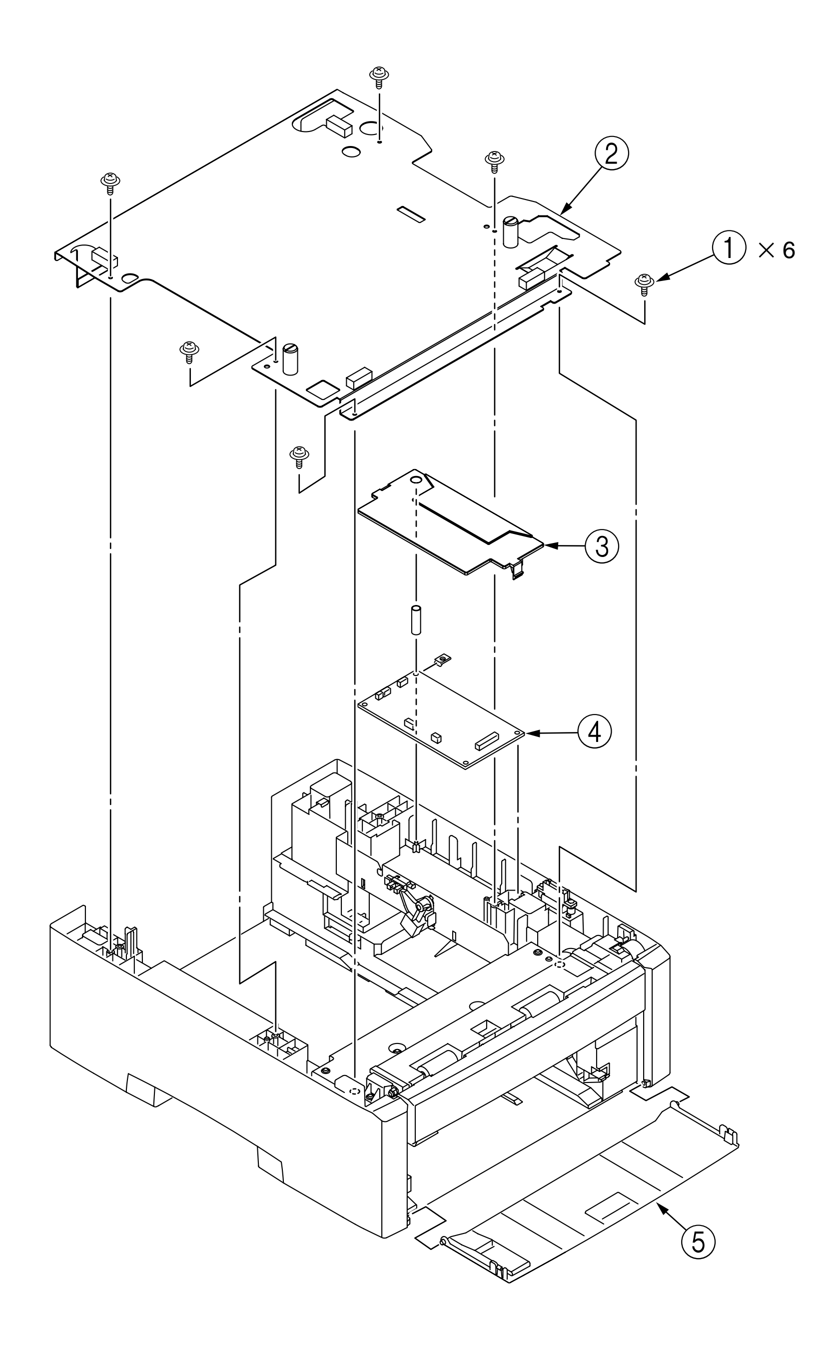
1.1 PCB

(1) Unscrew the six screws ① to remove the plate-top ②.

(2) Remove the cover-side R ③.

(3) Remove the connectors (at five places), then uninstall the PCB-V7Y-2 ④.

(4) Remove the cover - 2nd tray ⑤.



1.2 Frame Assy- Hopping

(1) Remove the PCB (see section 1.1).

(2) Remove the three screws ① to uninstall the hopping assy ②.

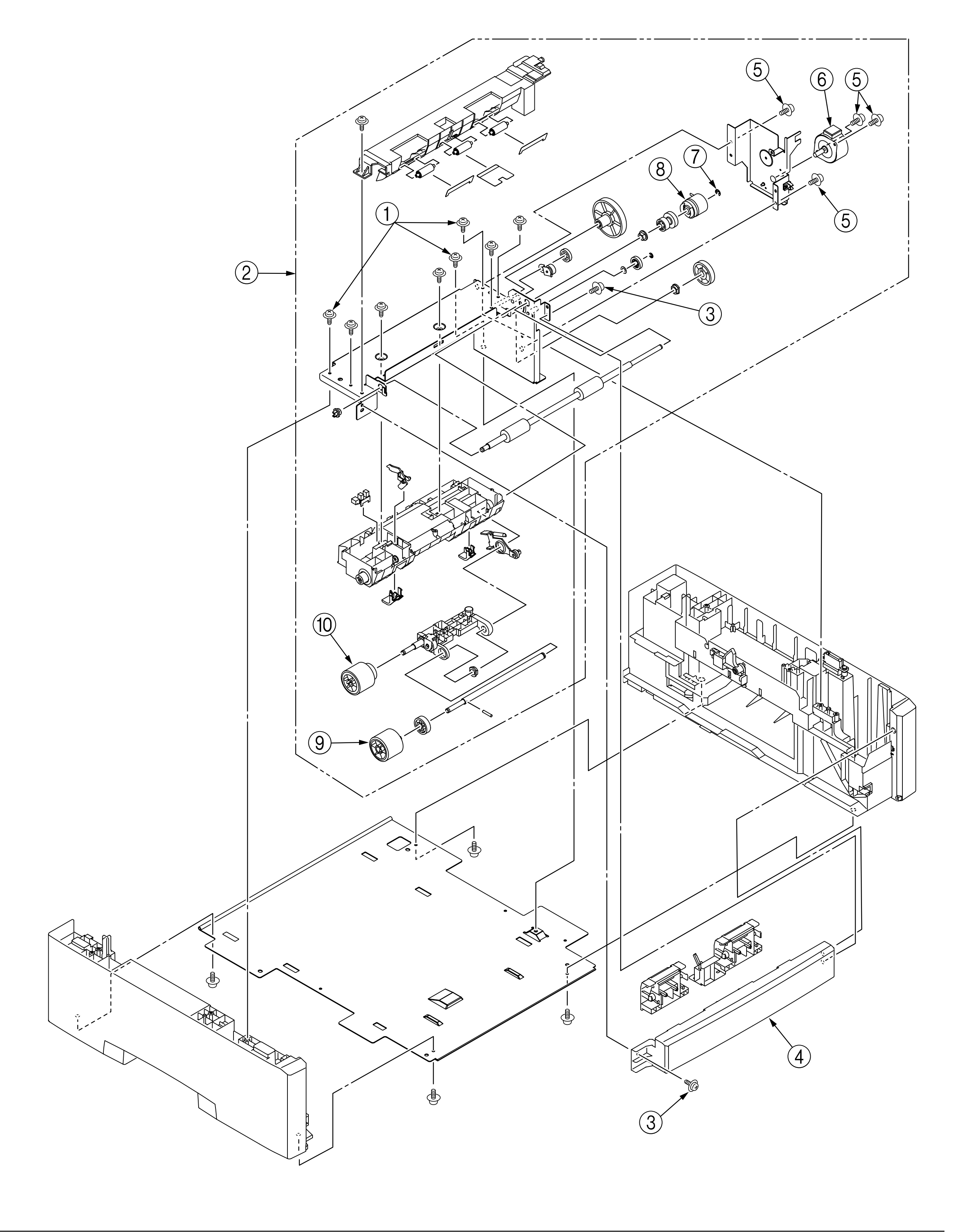
(3) Unscrew the two screws ③ to remove the cover assy - front ④.

(4) Unscrew the four screws ⑤ to remove the motor ⑥.

(5) Remove the E ring ⑦ to remove the clutch ⑧.

(6) Remove the roller assy - hopping ⑨.

(7) Remove the roller assy - feed ⑩.



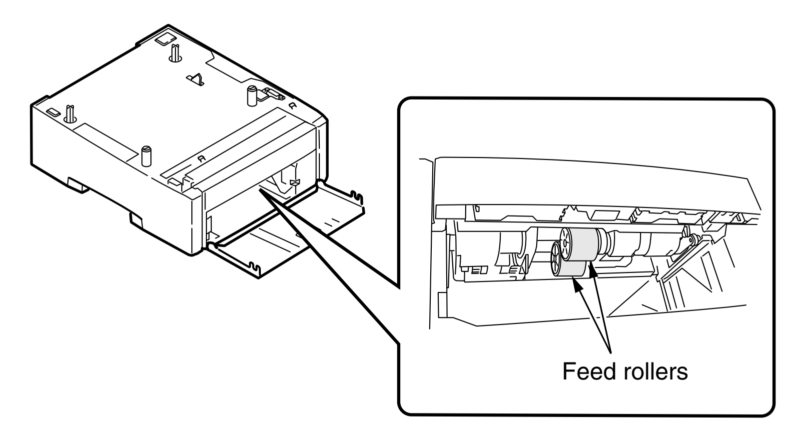
2 Cleaning the Pick-up Roller and the Pad

Clean the feed roller and the pad when [392: Paper Jam] appears frequently.

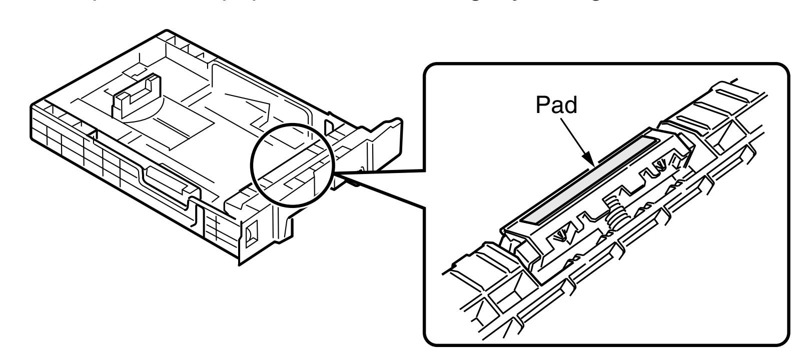
(1) Remove the paper cassette.

(2) Clean the two feed rollers with tightly wrung wet cloth or an LED lens cleaner.

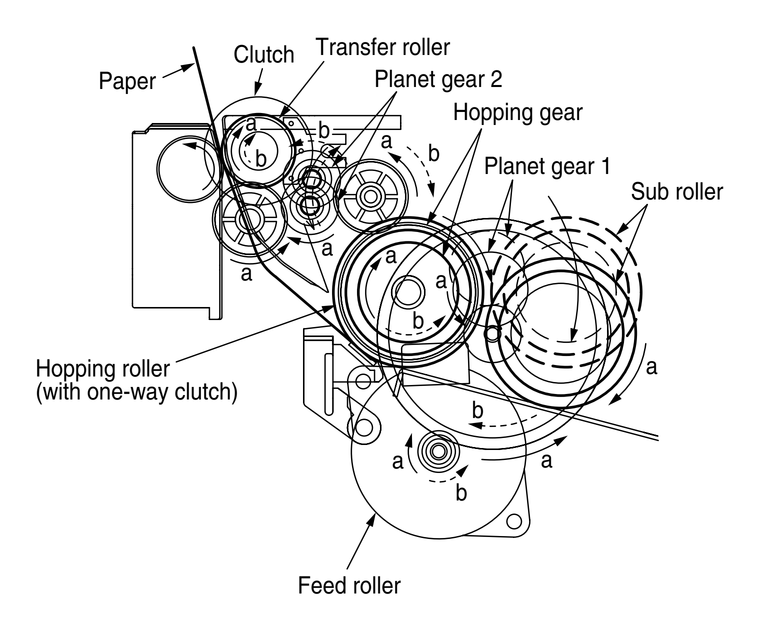
Note! An LED lens cleaner is enclosed in an optional replacement toner cartridge.



(3) Clean the pad on the paper cassette with tightly wrung wet cloth or an LED lens cleaner.



3 Principle of Operation



(1) Hopping

1. Drive a hopping roller with a pulse motor revolving to 'a' direction and a sub roller with the movement of the planet gear 1.
2. Feed paper and insert (modify skew of paper) the edge of paper as far as it goes to the feeding roller (suspended condition).

(2) Transfer

1. After the complete of inserting the paper as far as it goes to the transfer roller of paper edge, turn the clutch ON and drive the transfer roller (a hopping roller and a sub roller are also driven).
2. After the transfer of a given amount of paper with the transfer roller/hopping roller/sub roller, revolve the pulse motor to 'b' direction, drive only the transfer roller (although the hopping roller/sub roller are revolved, they do not have driving force), decelerate to the speed of engine along the way, and transfer paper until the paper edge turns ON the light sensor of the printer body. After turning the light sensor ON, transfer the paper with the transfer roller of the printer body.